**Client Report**

**Client Name:** Dr. P Sahasra Reddy

**Organization:** Sahasra ENT Clinic

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**Objective:**

The goal of this project is to develop a real-time student attendance tracking system using QR code technology. Students will scan their ID cards at designated entry points, such as gates or classrooms, to automatically record their attendance. The system will update a secure, centralized database in real time, eliminating manual tracking. It will provide a user-friendly dashboard for authorized staff to access attendance data and generate reports. Additionally, the system will handle scenarios like late arrivals, early departures, or forgotten ID cards, and ensure data security through encryption and restricted access. Integration with the university’s existing infrastructure is a key focus for seamless implementation.

**Questions Discussed:**

1. How can a sign language translator benefit individuals with hearing loss?

* A sign language translator can bridge the communication gap between hearing and non-hearing individuals, allowing those with hearing loss to communicate more effectively with people who do not know sign language.

1. What are the most common challenges faced by individuals with hearing loss in communication?

* Challenges include difficulty in understanding spoken language, especially in noisy environments, limited access to interpreters, and the need for real-time translation in different settings such as healthcare, education, and everyday interactions.

1. Which type of hearing impairments would benefit most from a sign language translator?

* Individuals with severe to profound hearing loss who rely primarily on sign language would benefit most, especially in situations where they need to communicate with those who don't understand sign language.

1. Is there a standardized form of sign language used globally, or does it vary by region?

* Sign languages vary by region, just like spoken languages. For example, American Sign Language (ASL) is used in the U.S., while British Sign Language (BSL) is used in the U.K. A translator should be able to recognize different regional sign languages.

1. How important is facial expression and body language in sign language communication?

* Facial expressions and body language are crucial in sign language, as they convey tone, emotion, and context. A sign language translator must account for these non-verbal cues to ensure accurate translation.

1. How accurate is the current technology in recognizing and translating different sign languages, including facial expressions and gestures?

* The technology is improving but can still make mistakes. We’re using advanced AI to better understand facial expressions and gestures.

1. Is the translator adaptable to medical settings, where accurate translation of technical terms is critical for patient care?

* Yes, we’re including a medical dictionary to help accurately translate important medical terms for better patient care.

1. How does the translator account for the role of lip-reading, which some patients with hearing loss rely on in addition to sign language?

* The translator will also analyse lip movements to help those who use lip-reading along with sign language.